



# Climate change-related statistics in the UNECE region



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Chair of the UNECE Steering Group on Climate  
Change Related Statistics**

UNECE Expert Forum for Producers and Users  
of Climate Change-Related Statistics  
31 August 2021

# The past 10 years



- 2011** Mandate for Task Force by Conference of European Statistics (CES)
- 2014** [Recommendations on Climate Change-Related Statistics](#)  
Follow-up: CES Mandate for a **Steering Group** and **two Task Forces**
- 2015** [Leaflet summarizing the Recommendations \(also in Russian\)](#)
- 2017** [Road map for developing climate change statistics \(also in Russian\)](#)
- 2020** [In-depth review of the role of the statistical community in climate action \(also summary in Russian\)](#)
- 2015-2021** [Good practices on climate change-related statistics](#)

# CES Steering Group on Climate Change-Related Statistics



## Members

- **National statistical offices:** the Netherlands (Chair), Canada, Italy, Luxembourg, Kyrgyzstan, Mexico, Russian Federation, and United Kingdom.
- **International organizations:** UNECE, UNFCCC, ECLAC, Eurostat, FAO, IEA, Midsummer Analytics and Bennett Institute.

## Main activities

- Guiding **climate change-related statistics** activities under Conference of European Statisticians
- Improving **coherence** between GHG inventories and official statistics (including **Paris Agreement**)
- Sharing **good practices**, overseeing **methodological work**, and identifying areas for **further work**
- Organizing annual **Expert Fora** and, if needed, making proposals to set up new **Task Forces**

All the resources available [on the web](#)

# CES Task Forces; set up in 2014



## UNECE Climate Change-Related Indicators

- 2014 CES Task Force, chaired by Italy
- 2017 Initial 39 core indicators
- 2020 Final report, **44 core indicators**

Drivers	9	Mitigation	8
Emissions	9	Adaptation	5
Impacts	13		

(SEEA 27, SDG 8, Sendai 4)  
Includes **meta** for each indicator and **implementation guidelines**
- UNECE and UNSD global sets differ but are complementary  
(FDES → 36 UNECE indicators)

[Final report](#)  
[Implementation Guidelines](#)  
[Metadata sheets](#) (August 2021)

## Hazardous events and disasters

- 2014 CES Task Force, chaired by Italy
- Providing guidance on the role of official statistics in measuring hazardous events and disasters
- Aligning to **Disaster-related Statistics Framework** (2018: adopted by ESCAP)
- 2019 [Recommendations](#) adopted by CES
- 2021 **First Expert Forum** for Producers and Users of Disaster-related Statistics

[1<sup>st</sup> Expert Forum \(June 7-10, 2021\)](#)

# Exchange experiences and increasing NSO involvement



## Expert fora for users and producers

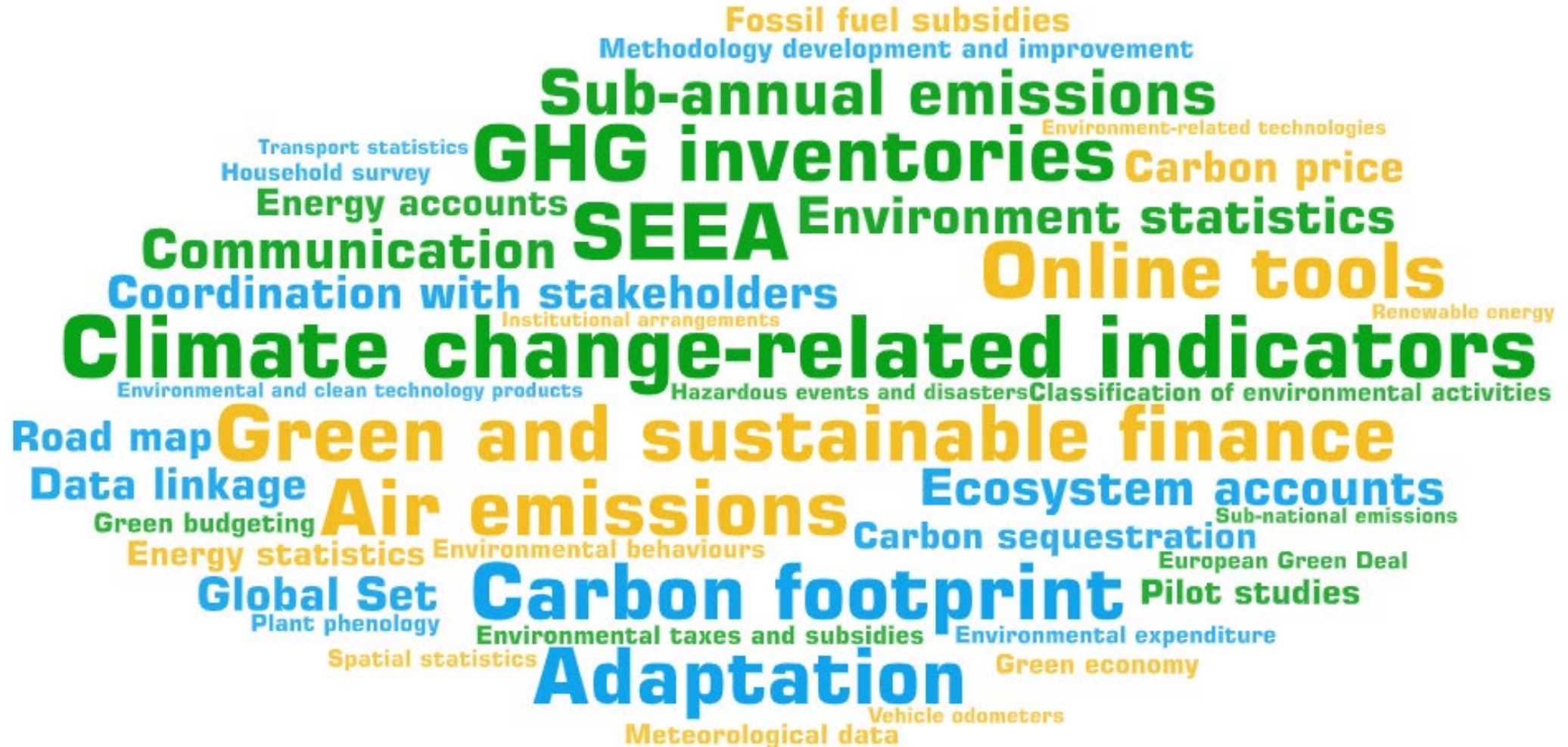
- In 2021, the **9th** annual meeting (6 Geneva, 1 Rome, and 2 virtual)
- A rich **collection of papers and presentations** available on UNECE meeting pages
- **Questionnaire** at the start and **Evaluation** at the end

[2021 Expert Forum](#)  
[2012-2020 Expert Fora](#)





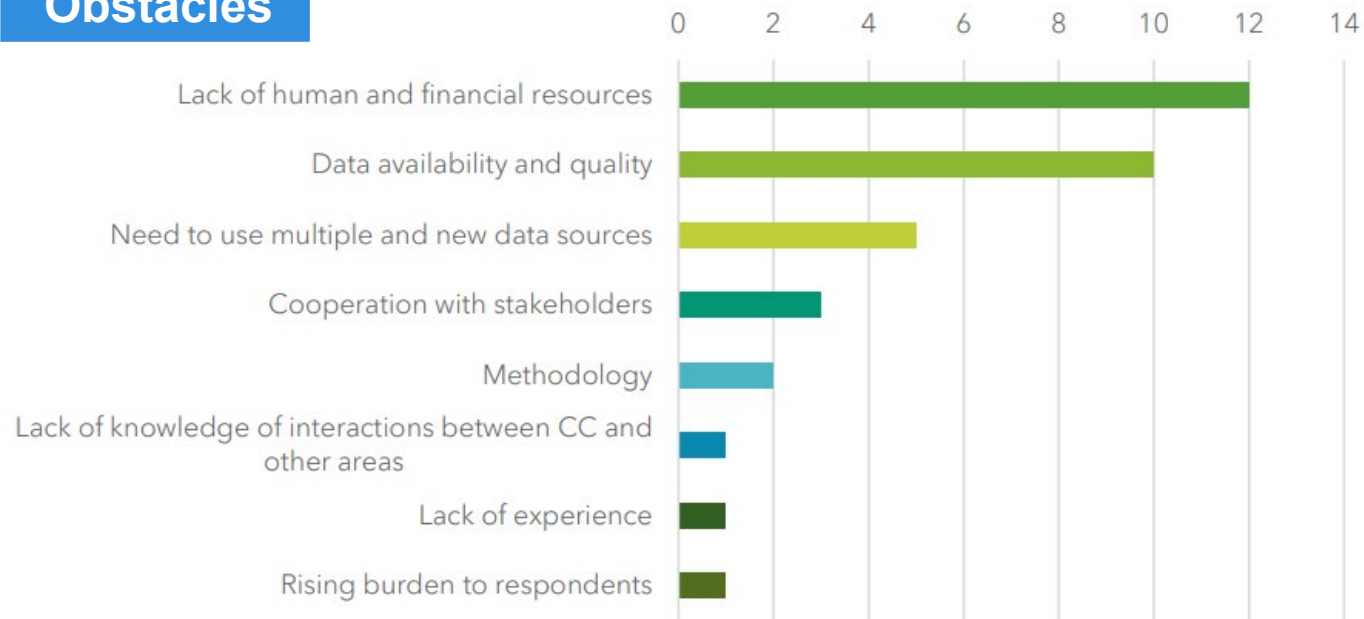
# 2021 activities in UNECE region – keywords



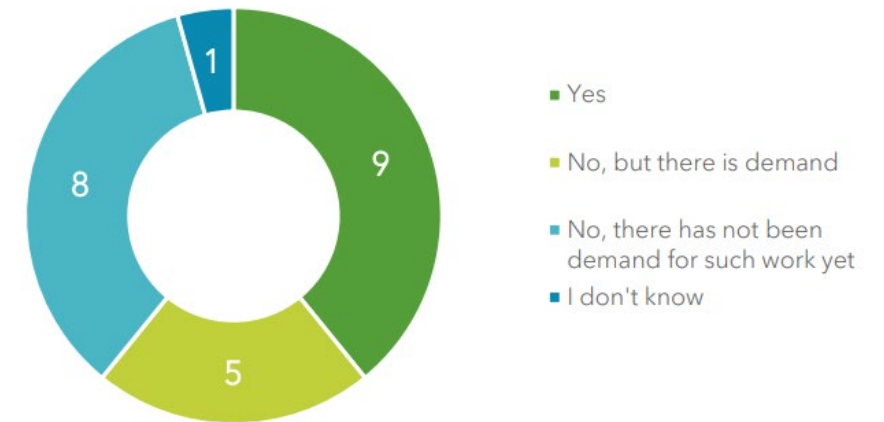
# Climate Change-Related Statistics in Practice 2021



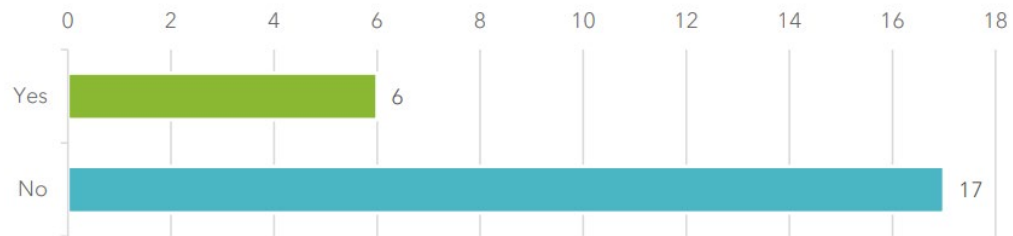
## Obstacles



## Measuring green finance



## Carbon footprints and consumption-based emissions



**Report also contains:**

- Country achievements and plans
- International updates

[\*\*Full Questionnaire Results Expert Forum 2021\*\*](#)

# Latest developments



## CES plenary session: Item 3. Official Statistics for Climate Action (24 June 2021) – three papers:

- **Eurostat/IMF/OECD** International statistical response to climate change-related data policy needs
- **UNFCCC** Reporting on climate data and information under the Paris Agreement
- **Statistics Netherlands** Quarterly estimates of IPCC greenhouse gas emissions

## Conclusions the CES plenary session (shortened version)

- Increasing need for climate change-related statistics with a **key role for national statistical offices**. Producing such data requires systemic approaches, linking various statistical fields, innovation, collaboration across the national statistical system, and **effective communication with users**.
- Importance of **timely data** and critical role of System for Environmental-economic Accounting (**SEEA**).
- **International collaboration** to develop classifications and manuals, and link different standards to ensure **comparable data** across countries, taking into account global and regional **indicator sets**.
- Close collaboration with the **policy process**, including for **developing guidance on using statistics for reporting** under the Enhanced Transparency Framework of the **Paris Agreement**.

[All papers and presentations available on the 2021 CES web page](#)



# Next steps



- Further work on the **role of NSOs** post-Paris Agreement - follow-up on the CES plenary session conclusions
- Discussions and conclusions of the **Expert Forum will guide the future work** under the Steering Group
- All countries and organizations are invited to continue **sharing their experience and good practices** through our [good practice wiki](#) and in the Expert Forum evaluation form and in the next year's questionnaire



# Thank you!

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